

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

David COLEY

Application No:

Filed:

For: ACTUATOR APPARATUS

L. Nelson
#5/Pre Amtd. A
Art Unit: *11-28-01*

Examiner:

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Please make the following amendments to this application
prior to examination thereof.

AMENDMENTS

In the Claims:

Claims 4-26, cancel.

Add new claims as follows:

27. (New) Apparatus according to claim 1, characterized
in that the valve means has a port having a width which is not
constant in the axial direction of the valve arrangement,
whereby the effective width of the fluid path to the piston
means can be set by setting the axial position of the valve
arrangement.

28. (New) Apparatus according to claim 1, characterized
in that the valve arrangement provides drive alternatively to
opposite faces of a piston of the piston means, whereby to
create reciprocation.

29. (New) Apparatus according to claim 1, characterized
in that the valve arrangement is formed to complete a
plurality of cycles of the piston means for each full turn of
the valve arrangement.

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